

07/01/03 TUE 14:04 FAX 228 9446

KLARQUIST SPARKMAN

001

JBH:gmm 4630-61498 203638.doc 07/01/03

**KLARQUIST SPARKMAN, LLP**

16th Floor World Trade Center, 121 S.W. Salmon Street, Portland, Oregon 97204 U.S.A.

PHONE: 503-226-7391 FAX: 503-228-9446

**PLEASE DELIVER DIRECTLY TO EXAMINER THOMAS M. DOUGHERTY**

**Fax No.:** (703)746-4168

**Total No. Pages:** 18 including this cover sheet

**Message:** Transmitted herewith for filing in the above-identified application is an Amendment. If you do not receive all pages or if you have problems receiving transmittal, please call Jeffrey B. Haendler at (503) 226-7391. The fee (small entity) has been calculated as shown below.

In re application of: Richards et al.

Application No.: 10/033,353

Filed: October 25, 2001

For: PIEZOELECTRIC MICRO-TRANSDUCERS,  
METHODS OF USE AND MANUFACTURING  
METHODS FOR SAME

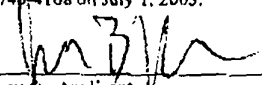
Examiner: Thomas M. Dougherty

Art Unit: 2834

Date: July 1, 2003

CERTIFICATE OF FACSIMILE

I hereby certify that this correspondence and any documents referred to as being transmitted herewith are being facsimile transmitted to the Patent and Trademark Office via fax number (703)746-4168 on July 1, 2003.

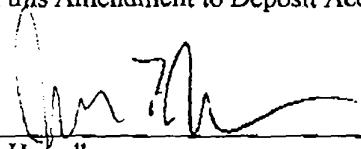
  
Attorney for Applicant

FEE CALCULATION FOR CLAIMS AS AMENDED

For	No. after amendment	No. paid for previously	Extra	Rate	Fee
Total Claims	-	* =		\$9.00	\$ 0.00
Indep.	-	** =		\$42.00	\$ 0.00
<b>TOTAL FEE FOR THIS AMENDMENT</b>					<b>\$0.00</b>

\*greater of twenty or number for which fee has been paid. \*\*greater of three or number for which fee has been paid.

- ☒ No additional fee is required.  
☒ Please charge this fee and any additional fees that may be required in connection with filing of this Amendment to Deposit Account 02-4550.

  
Jeffrey B. Haendler  
Registration No. 43,652

July 1, 2003  
Date

cc: Docketing

THE INFORMATION CONTAINED IN THIS TRANSMISSION IS CONFIDENTIAL AND ONLY FOR THE INTENDED RECIPIENT IDENTIFIED ABOVE. IF YOU ARE NOT THE INTENDED RECIPIENT, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION OR USE OF THIS COMMUNICATION IS UNLAWFUL. IF YOU HAVE RECEIVED THIS TRANSMISSION IN ERROR, PLEASE IMMEDIATELY NOTIFY US BY TELEPHONE (COLLECT), RETURN THE ORIGINAL MESSAGE TO US, AND RETAIN NO COPY.

Received from < 228 9446 > at 7/1/03 6:10:35 PM [Eastern Daylight Time]

07/01/03 TUE 14:04 FAX 228 9446  
JBH:grtm 07/01/03 201589.doc  
PATENT

KLARQUIST SPARKMAN

002

Attorney Reference Number 4630-61498  
Application Number 10/033,353

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Richards et al.

Art Unit: 2834

Application No. 10/033,353

Filed: October 25, 2001

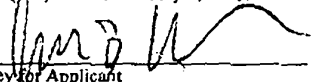
For: PIEZOELECTRIC MICRO-TRANSDUCERS,  
METHODS OF USE AND MANUFACTURING  
METHODS FOR SAME

Examiner: Thomas M. Dougherty

Date: July 1, 2003

CERTIFICATE OF FACSIMILE

I hereby certify that this correspondence and any documents referred to as being transmitted herewith are being facsimile transmitted to the U.S. Patent and Trademark Office via fax number (703)746-4168 on July 1, 2003.

  
Attorney for Applicant

COMMISSIONER FOR PATENTS  
P.O. BOX 1450  
ALEXANDRIA, VA 22313-1450

**AMENDMENT**

This paper responds to the Office action mailed April 1, 2003. The action sets a three-month period for responding, making a response due by July 1, 2003.

Please amend the application as set forth in the attached amendments.